

Certificate of Analysis

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Biotin-Thalidomide

Cat. No.:	HY-145152
CAS No.:	2230857-87-9
Batch No.:	317307
Chemical Name:	Pentanediamide, N1-[4-[[2-[[2-(2,6-dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]
	oxy]acetyl]amino]butyl]-N5-[19-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-
	15-oxo-4,7,10-trioxa-14-azanonadec-1-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{44}H_{64}N_8O_{13}S$		
Molecular Weight:	945.09		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.65%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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